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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PREFORM FOR PRODUCING PLASTIC OPTICAL COMPONENTS, METHOD OF FABRICATING THE PRE-
FORM, AND PLASTIC OPTICAL FIBER

(57) Abstract: Disclosed is a method of manufacturing a preform for producing a plastic optical component comprising a graded-
index core portion and a cladding portion in which the refractive index of the core portion continuously decreases from its center to
the outer radius, and the refractive index of the cladding portion is smaller than that of the center of the core portion by 0.03 or more,
comprising a first step of fabricating a polymer hollow tube for the cladding portion in which the inner wall of the polymer hollow
tube has an arithmetic mean roughness of less than 0.4 μm; and a second step of polymerizing a polymerizable composition in the
hollow portion of the hollow tube to thereby form the core portion.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29D11/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/57204 A (ILYASHENKO VICTOR M ; BOSTON OPTICAL FIBER INC (US)) 17 December 1998 (1998-12-17)	7,9,11
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A	abstract	1

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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